

AMENDMENTS TO THE CLAIMS

Claim 1 (currently amended)

A polynucleotide having the sequence as depicted in the sequence selected from the group consisting of SEQ ID No.2, SEQ ID No.5, SEQ ID No. 8, SEQ ID No.10, SEQ ID No. 13, SEQ ID No. 15, SEQ ID No. 17, SEQ ID No. 20, homologs thereof and functional fragments thereof having HPPK and DHPS activity.

Claim 2 (previously presented)

The polynucleotide of claim 1 which is the gene CaNL256, homologs thereof and functional fragments thereof.

Claim 3 (previously presented)

The polynucleotide of claim 1 which is the gene CaBR102, homologs thereof and functional fragments thereof.

Claim 4 (previously presented)

The polynucleotide of claim 1 which is the gene CaIR012, homologs thereof and functional fragments thereof.

Claim 5 (previously presented)

The polynucleotide of claim 1 which is the gene CaMR212, homologs thereof and functional fragments thereof.

Claim 6 (previously presented)

The polynucleotide of claim 1 which is the gene CaDR325, homologs thereof and functional fragments thereof.

Claim 7 (previously presented)

The polynucleotide of claim 1 which is the gene CaOR110, homologs thereof and functional fragments thereof.

Claim 8 (previously presented)

The polynucleotide of claim 1 which is the gene CaJL039, homologs thereof and functional fragments thereof.

Claims 9 to 28 (cancelled)

Claim 29 (previously presented)

A polynucleotide obtainable by the process comprising the following steps:

- (i) selecting an essential gene from *Saccharomyces cerevisiae*;
- (ii) comparing the sequence of said gene with *Candida Albicans* genome sequences;
- (iii) deducing homologous oligonucleotides regions;
- (iv) PCR amplifying the thus-obtained oligonucleotides;

(v) using the amplimers of step (iv) for detecting the complete gene of interest; and homologs thereof and functional fragments thereof.

Claim 30 (previously presented)

The polynucleotide of claim 29, in which step (v) is comprised of the step of using the amplimers of step (iv) as a probe for detecting the complete gene of interest from a *Candida albicans* genomic library.

Claim 31 (previously presented)

The polynucleotide of claim 29, in which step (v) is comprised of the step of using the amplimers of step (iv) as a probe for detecting the complete gene of interest from a *Candida albicans* cDNA library.

Claim 32 (previously presented)

The polynucleotide of claim 29, in which step (v) is comprised of the step of 3' and 5' extension of the amplimer using a PCR method.

Claims 33 to 43 (cancelled)